

REMARKS

Claims 13-27 are pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejection(s) in view of the amendments and remarks contained herein.

It is understood that the finality has been withdrawn and this present response is to a non-final action.

REJECTION UNDER 35 U.S.C. § 102

Claims 13, 19-22 and 25 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Blackett et al. (U.S. Pat. Application No. 2004/0138786A1). This rejection is respectfully traversed.

Although Blackett appears to include certain elements that are similar to the elements in the present invention, the arrangement of the elements and their functionality clearly differ. This difference is emphasized in amended Claim 13.

There is no suggestion in Blackett that the application-specific engine and the bus protocol-specific engine be decoupled from one another. In fact, Blackett appears to suggest the opposite, at least in Blackett at Paragraphs [0008], [0038], [0068], and [0069].

In short, Blackett is directed to a relatively conventional SCADA (supervisory control and data acquisition) system as is used in a power generation system where the control architecture and the communication module are combined together.

Blackett is opposite to the present invention of independent Claims 13, 21 and 25. In the present invention, the advantageous features of decoupling, as in

Paragraphs [0012], [0013] and [0014], is described, particularly where the application (business logic) is separate from the communication logic of the device. These features are lacking in Blackett.

Independent Claim 21 further differs from Blackett in that independent Claim 21 specifically calls for an application-specific engine that controls the configuration apparatus independently of the communications protocol. Claim 21 further includes a bus protocol-specific engine that exchanges application-specific data with the application-specific engine via a standardized interface that is common to a standardized interface of the configuration apparatus. At least the feature of independent communications protocol and the feature of the standardized common interface as emphasized above, are lacking in Blackett.

As to Claim 21, Paragraph [0014] of the present application demonstrates the advantages of the arrangement where the application-specific engine ("Application") can be developed independently of the bus protocol.

As to independent Claim 25, the further features of independence and the advantage of a standardized interface are not suggestive anywhere in Blackett.

As to Claim 25, the further advantages recited at least in Paragraph [0017] of the present application demonstrate that the arrangement of the present invention can be used for a plurality of different bus protocols without the bus protocol-specific engine having to be replaced upon a change of the bus system used by a correspondingly-changed bus protocol-specific engine.

REJECTION UNDER 35 U.S.C. § 103

A. Claims 14-18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Blackett et al. (U.S. Pat. Application No. 2004/0138786A1) as applied to Claim 13, in view of Jenkins et al. (U.S. Pat. No. 6,272,400). This rejection is respectfully traversed.

Applicant respectfully requests withdrawal of the rejection of these claims, which are dependent directly or indirectly on Claim 13, for reasons as given above with respect to Blackett. Jenkins does not supply the deficiencies of Blackett.

B. Claims 23-24 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Blackett et al. as applied to Claim 21, in view of obviousness. This rejection is respectfully traversed.

Applicant respectfully requests withdrawal of the rejection of these claims, which are dependent directly or indirectly on Claim 21, for reasons as given above with respect to Blackett.

C. Claim 26 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Blackett et al. as applied to Claim 25, in view of Jenkins et al. This rejection is respectfully traversed.

Applicant respectfully requests withdrawal of the rejection of this claim, which is dependent directly on Claim 25, for reasons as given above with respect to Blackett. Jenkins does not supply the deficiencies of Blackett.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly

traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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By: 

Linda M. Deschere
Reg. No. 34,811

Ryan P. McCarthy
Reg. No. 50,636

HARNES, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

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Electronic apparatus for a bus system

Application Data	Transaction History	Image File Wrapper	Foreign Priority	Published Documents	Publication Dates	Address & Attorney/Agent
Date	Contents Description					
01-07-2005	Workflow incoming amendment IFW					
01-10-2005	Mail Examiner Interview Summary (PTOL -					
01-10-2005	Mail Non-Final Rejection					
12-21-2004	Non-Final Rejection					
12-17-2004	Date Forwarded to Examiner					
12-14-2004	Amendment after Final Rejection					
12-01-2004	Examiner Interview Summary Record (PTC					
10-19-2004	Mail Final Rejection (PTOL - 326)					
10-18-2004	Final Rejection					
08-05-2004	Date Forwarded to Examiner					
07-27-2004	Response after Non-Final Action					
07-27-2004	Workflow incoming amendment IFW					
05-12-2004	Mail Non-Final Rejection					
05-11-2004	Non-Final Rejection					
04-08-2004	IFW TSS Processing by Tech Center Com					
04-08-2004	Case Docketed to Examiner in GAU					
02-06-2004	Application Dispatched from OIPE					
02-06-2004	Application Is Now Complete					
01-13-2004	Payment of additional filing fee/Preexam					
01-13-2004	A statement by one or more inventors satis					
	under 35 USC 115, Oath of the Applic					
12-12-2003	Notice Mailed--Application Incomplete--Fili					
12-02-2003	Cleared by OIPE CSR					
10-30-2003	IFW Scan & PACR Auto Security Review					
09-18-2003	Initial Exam Team nn					

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